CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC0760000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	NE 141ST STREET/111TH AVENUE NE CULVERT HEADWALL REPAIR		
TITLE			
PROJECT	NE 141st Street and 111th Avenue NE	PROJECT START	PROJECT STATUS
LOCATION		2013	Modified Project

DESCRIPTION/JUSTIFICATION

An existing 48-inch storm pipe has partially filled with sediment and the reduced flow capacity has created backwater conditions at the inlet resulting in channel aggradation, erosion and undermining of adjacent trees, with partial structural failure of the inlet headwall. Fish were observed in the downstream reach and Washington Department of Fish & Wildlife (WDFW) permitting will likely be required.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project year added for completion in 2019 due to federal and state agency permitting schedules with total project costs changed from \$941,500 to \$1,896,275 due to updated cost estimate including added Critical Areas Ordinance requirements and escalation for added year.

POLICY BASIS	PRIOR YEAR(S)		METHOD OF FINANCING (%)		
Surface Water Master Plan	BUDGET TO ACTUALS		Current Revenue	100%	
			Reserve	0%	
COUNCIL GOALS	Budget	\$941,500	Grants	0%	
	Actual	\$418,278	Other Sources	0%	
Environment	Balance	\$523,222	Debt	0%	
Dependable Infrastructure	24.4100	70-0,222	Unfunded	0%	

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	320,800	299,200	0	0	0	0	0	299,200	0	620,000
In-House Professional Svcs.	86,800	75,500	0	0	0	0	0	75,500	0	162,300
Land Acquisition	0	30,000	0	0	0	0	0	30,000	0	30,000
Construction	533,900	500,300	0	0	0	0	0	500,300	0	1,034,200
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	941,500	905,000	0	0	0	0	0	905,000	0	1,846,500
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	Little to none.
Community economic impacts	Would reduce the potential for property damage, loss of business and road closures due to localized flooding, channel migration/incision, and sedimentation of stormwater infrastructure.
Health and safety, environmental, aesthetic, or social effects	Would reduce flooding, sedimentation, channel migration/incision associated health, safety and the above community impacts.
Responds to an urgent need or opportunity	Helps to prevent flooding.
Feasibility, including public support and project readiness	Project is feasible and will require minimal permitting.
Conforms to legal or contractual obligations	Project will be designed and constructed per professional and legal standards and guidelines.
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	None identified.
Implications of deferring the project	Possible flooding and drainage issues.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: Finn Hill Is there a specific reference to this project or land use in the immediate vicinity? No How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	 ✓ Project provides no new capacity (repair, replacement or renovation). □ Project provides new capacity. Amount of new capacity provided: □ Project assists in meeting/maintaining adopted level of service. □ Project required to meet concurrency standards.